

IFW

2135

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/780,681 Confirmation No.: 8254
Applicant : Thomas Kean
Filing Date : February 8, 2001
Title : Method of Using a Mask Programmed Key to Securely Configure a
Field Programmable Gate Array
Group Art Unit : 2135
Examiner : Linh L.D. Son
Docket No. : 13271.2
Customer No. : 34313

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

05/31/2006 NNGUYEN1 00000056 150665 09700681
01 FC:1806 180.00 DA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

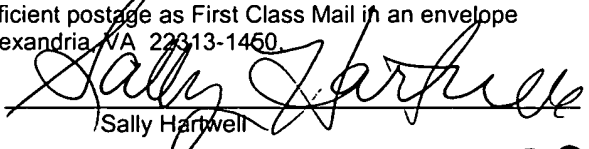
In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO/SB/08a (PTO-1449). In accordance with the USPTO waiver of the requirement under 37 CFR 1.98(a)(2)(i), only copies of foreign patent documents and non-patent literature are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING
(37 C.F.R. § 1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 25, 2006
Date of Deposit


Sally Hartwell

BEST AVAILABLE COPY

Applicant : Thomas Kean
Appl. No. : 09/780,681
Examiner : Linh L.D. Son
Docket No. : 13271.2

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☐ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☒ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

Applicant : Thomas Kean
Appl. No. : 09/780,681
Examiner : Linh L.D. Son
Docket No. : 13271.2

STATEMENT UNDER 37 CFR § 1.97(e):

- ☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- ☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.


PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

- ☐ A check in the amount of _____ is enclosed for the above fee(s).
- ☒ Please charge \$180.00 to Deposit Account No. **15-0665** for the above fee(s).
- ☐ The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Orrick, Herrington & Sutcliffe's Deposit Account No. **15-0665**.

Respectfully submitted,

ORRICK, HERRINGTON & SUTCLIFFE LLP

Dated: May 25, 2006

By: 
Donald Daybell
Reg. No. 50,957

ORRICK, HERRINGTON & SUTCLIFFE LLP
4 Park Plaza, Suite 1600
Irvine, CA 92614
949/567-6700 Telephone
949/567-6710 Facsimile

Please type a plus sign (+) in this box → ☒Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/780,681
Filing Date	February 8, 2001
First Named Inventor	Thomas Kean
Group Art Unit	2135
Examiner Name	Linh L.D. Son
Attorney Docket Number	13271.2

Sheet

1

of

2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
	1.	4,866,769		Karp	09/1989	
	2.	4,878,246		Pastor, et al.	10/1989	
	3.	5,036,468		Roselli	07/1991	
	4.	5,596,512		Wong, et al.	01/1997	
	5.	5,644,638		Thiriet	07/01/1997	
	6.	5,946,478		Redman, et al.	11/02/1999	
	7.	5,954,817		Janssen, et al.	09/21/1999	
	8.	5,970,142		Erickson	10/19/1999	
	9.	5,978,476		Lawman	08/31/1999	
	10.	6,005,943		Cohen, et al.	12/1999	
	11.	6,151,677		Walter, et al.	11/2000	
	12.	6,233,717		Choi	05/2001	
	13.	6,324,286		Lai, et al.	11/2001	
	14.	6,325,292		Sehr	12/2001	
	15.	6,356,637		Garnet	03/2002	
	16.	6,615,349		Hair	09/2003	
	17.	6,658,566		Hazard	12/02/2003	
	18.	6,857,076		Klein	02/2005	
	19.	6,947,556		Matyas, et al.	09/2005	
	20.	6,957,193		Stefik, et al.	10/2005	
	21.	6,978,021		Chojnacki	12/2005	
	22.	2002/0141588		Rollins	10/2002	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

US_WEST:260023315.1

Please type a plus sign (+) in this box → ☒Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	2	of	2	Application Number	09/780,681
				Filing Date	February 8, 2001
				First Named Inventor	Thomas Kean
				Group Art Unit	2135
				Examiner Name	Linh L.D. Son
				Attorney Docket Number	13271.2

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	23.	WO	97/25675	A1	Griffits	07/17/1997		
	24.	WO	98/40853	A1	Hazard	09/17/1998		
	25.	WO	01/08411	A1	Credence Systems Corp.	02/01/2001		
	26.	DE	43 41 880	A1	Dinkel	06/14/1995		
	27.	DE	199 20 744	A1	Jost	11/16/2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	28.	"Xilinx - A New Family of In-System Programmable FLASH Serial/Parallel PROMs", 1/12/00, [Retrieved from Internet 7/6/04], http://www.xilinx.com/xcell/xl34/xl34_21.pdf	
	29.	"TCP/IP Security", 6/12/1998, [Retrieved from Internet 7/6/04], http://www.linuxsecurity.com/resource_files/documentation/tcpip-security.html	
	30.	"Xilinx XC4000XLA/XV Field Programmable Gate Arrays", 10/18/1999, [Retrieved from Internet 7/6/04]	
	31.	PEDRAM, Massoud, "Design Considerations for Battery-Powered Electronics", 2000, [Retrieved from Internet 2/24/05], http://atrk.usc.edu/~massoud/Papers/battery-dac99.pdf	
	32.	DIPERT, Brian, "Cunning Circuits Confound Crooks", EDN, October 12, 2000, pgs. 103-112.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

US_WEST:260023315.1